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G-MB - 738/63
12 November 1963

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MEMORANDUM FOR: Deputy Director, NPIC
FROM : Chief, CIA/PID (NPIC)
SUBJECT : Evaluation of Color Photography (Shipping)

1. Comparison of the color and black and white photography of the S.S. Partizan Bonivur, USSR by PID/PAG analysts is qualified by the following remarks:

A. The quality of the provided black and white prints is poorer than the examples in color. This is probably due to the fact that the black and white materials were reproduced from color originals.

B. Each of the color prints is of a somewhat larger scale than its black and white mate, making a true evaluation for intelligence content difficult.

2. Comparative analysis of the color/black and white photography taken by CFAW-11 on 25 October 1963, and other similar black and white examples of Cuban shipping, indicates that for other than its aesthetic value, there is no decided advantage in the use of color photography of this type for deck cargo identification. It is the consensus of opinion of the examining analysts that the loss of resolution conceded in order to have color does not justify its use as an aid in deck cargo identification where resolution for accurate measurements is of paramount importance.

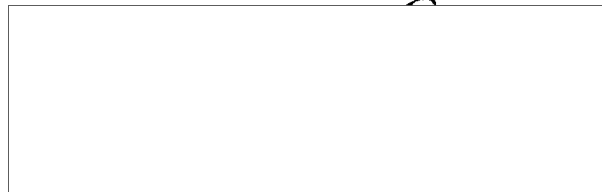
There was no shadow effect on any of the examples provided, thus no comparison could be made from this aspect.

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Statement applies only to pics in question - not to color vs black & white per se

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C. N. - Equipment

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Equipment in PD

Apeco copying machine

4 Justowriters } Under contract
4 Varitypers }
4 Headliners }
Black-light printer

Plate maker

Roto-lite developer

7 Stereomicroscopes

4⁺ Drafting machines
Drafting equipment
Salzman

Art-O-Graph

7 Waxing machine

6⁺ Drafting tables

Air brush equipment

Bruning Copyflex

Ozomatic 60

Polaroid

Focalmatic Projector

B & L projector

2 Light table

Rough list of equipment given
[redacted] for his survey
for maintenance shop.

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